

JUL 10 1980

FEB 01 1982

DPM 3243

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health AdministrationForm Approved  
OMB No. 44-R1387

## MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME Hysol Division, The Dexter Corporation	EMERGENCY TELEPHONE NO. 716-372-6300
ADDRESS (Number, Street, City, State, and ZIP Code) 211 Franklin Street, Olean, New York 14760	
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS AE4307
CHEMICAL FAMILY Modified Epoxy Resin	FORMULA NA

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Contains no hazardous ingredients.					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	320	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.08
VAPOR PRESSURE (mm Hg.)	1	PERCENT, VOLATILE BY VOLUME (%)	Nil
VAPOR DENSITY (AIR=1)	3.5	EVAPORATION RATE (_____ =1)	-
SOLUBILITY IN WATER	15%		
APPEARANCE AND ODOR	High viscosity, amber liquid, slightly aromatic.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	140°F COC	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	CO <sub>2</sub> , Foam, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

50 ppm in air.

EFFECTS OF OVEREXPOSURE

May cause intoxication characterized by vomiting, coated tongue, slight tremors, headache.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation - Remove to fresh air.

Eyes - Flush with water for 15 minutes, call physician.

Skin - Wash with soap and water.

## SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

XX

INCOMPATIBILITY (Materials to avoid)

Avoid strong acids and alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO<sub>2</sub>

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

XX

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Scoop up excess. Evacuate area, remove all sources of ignition. Wear self contained breathing apparatus. Flush area with water. Scrub with soap and water.

WASTE DISPOSAL METHOD

Incinerate or bury in approved landfill.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

Preferable

SPECIAL

MECHANICAL (General)

Acceptable

OTHER

PROTECTIVE GLOVES

Rubber or Plastic

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

Safety Shower, Eye Bath

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool, dry area.

OTHER PRECAUTIONS